

# System and Method to Assure Network Service Levels with Intelligent Routing

## ABSTRACT OF THE DISCLOSURE

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A method and system for maintaining a traffic service level for data communicated by a computer network having a source. The computer network is connected to at least one of many networks, where each of the many networks includes a number of paths for transporting the data communicated to a destination. In one embodiment of the method, the traffic service level associated with one of the paths between the source and the destination is monitored. Then, it is determined whether the traffic service level associated with that path meets one or more performance metrics. If a flow of data communicated over the monitored path fails to meet at least one of the performance metrics, then a service level violation is indicated. Upon such an indication, an alternate path is selected to resolve the service level violation.

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